FORM PTO-1449 INFORMATION DISCLOSURE CITATION	Atty Docket **LU 6144 (US)**	Serial No. **10/539,242**
	Applicant **Shahram Mihan et al.**	
	Filing Date **June 16, 2005**	Group Art Unit **1796**

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Examiner Initial		Document Number	Issue Date	Name	Class	Sub-Class	Filing Date
	AA	3,125,547	03/17/64	Blatz			
	AB	5,227,440	07/13/93	Canich et al.			
	AC	5,246,783	09/21/93	Spenadel et al.			
	AD	5,281,679	01/25/94	Jejelowo et al.			
	AE	5,625,016	04/29/97	Schiffino et al.			
	AF	5,698,642	12/16/97	Govoni et al.			
	AG	5,808,122	09/15/98	Herrmann et al.			
	AH	6,240,507	05/29/01	Derrick et al.			
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	AK	6,326,445	12/04/01	Wenzel			
	AL	6,350,814	02/26/02	Bauer et al.			
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	AO	6,420,507	07/16/02	Kale et al.			
	AP	6,437,161	08/20/02	Mihan et al.			
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	AR	6,642,313	11/04/03	Kazakov et al.			
	AS	6,699,948	03/02/04	Mihan et al.			
	AT	6,737,130	05/18/04	Ferri			
	AU	6,784,261	08/31/04	Schopf et al.			
	AV	6,787,498	09/07/04	Mihan et al.			
	AW	6,812,185	11/02/04	Fischer et al.			
	AX	6,838,563	01/04/05	Mihan et al.			
	AY	6,911,516	06/28/05	Mihan et al.			
	AZ	6,919,412	07/19/05	Mihan et al.			
	AAA	6,924,248	08/02/05	Mihan et al.			
	AAB	7,045,644	05/16/06	Schopf et al.			
	AAC	7,053,160	05/30/06	Bingel et al.			
	AAD	7,094,724	08/22/06	Fraaije et al.			
	AAE	7,238,818	07/03/07	Ewen et al.			

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	BA	2003/0036658 (corresponds to US 6,699,948; US 6,919,412)	02/20/03	Mihan et al.			
	BB	2003/0036662 (corresponds to US 6,787,498; US 6,919,412)	02/20/03	Mihan et al.			
	BC	2003/0055267 (corresponds to US 6,838,563; US 6,919,412)	03/20/03	Mihan et al.			
	BD	2003/0176275 (corresponds to US 7,094,724)	09/18/03	Fraaije et al.			
	BE	2003/0236164 (corresponds to US 6,812,185; US 6,588,905)	12/25/03	Fischer et al.			
	BF	2004/0242880	12/02/04	Mihan et al.			
	BG	2005/0282979	12/22/05	Mihan et al.			
	BH	2006/0116491	06/01/06	Mihan et al.			

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	BI	19710615 (corresponds to US 6,255,418)	09/17/98	DE			
	BJ	19745047 (corresponds to US 6,350,814)	04/15/99	DE			
	BK	100,843	02/22/84	EP			
	BL	416,815	03/13/91	EP			
	BM	420,436	04/03/91	EP			
	BN	608,369	08/03/94	EP			
	BO	662,989	07/19/95	EP			
	BP	728,160	08/28/96	EP			
	BQ	742,046 (corresponds to US 5,808,122)	11/13/96	EP			
	BR	899,278	03/03/99	EP			
	BS	90/03414	04/05/90	WO			
	BT	91/09882	07/11/91	WO			
	BU	93/03093	02/18/93	WO			
	BV	93/12151	06/24/93	WO			
	BW	95/27005	10/12/95	WO			

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	CA	98/03559	01/29/98	WO			
	CB	98/44011	10/08/98	WO			
	CC	01/12641 (corresponds to US 6,437,161; US 6,919,412; US 6,838,563; US 6,699,948; US 6,787,498)	02/22/01	WO			
	CD	01/12687 (corresponds to US 6,911,516)	02/22/01	WO			
	CE	01/96417 (corresponds to US 6,924,248)	12/20/01	WO			
	CF	01/96418 (corresponds to US 7,094,724)	12/20/01	WO			
	CG	03/024982 (corresponds to US 2004/0242880)	03/27/03	WO			
	CH	2004/056482 (corresponds to US 2006/0116491)	07/08/04	WO			
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	CJ		W. Frieseleben, "Über eine neue Fulven-Synthese [1]," Angew Chem., Vol. 75(12), p. 576 (1963)
	CK		L. Brandsma, Preparative Polar Organometallic Chemistry," Springer-Verlag, Vol. 2, p. 133-142 (1992)
	CL		J. Michl, Editor, Chemical Reviews, Vol. 100(4), p. 1169-1681 (2000)
	CM		L. Fieser et al., Lehrbuch der Organischen Chemie, Kapitel 33, p. 921-941, Weinheim (1957)
	CN		S. Pang et al., "Size-Exclusion Chromatographic Assessment of Long-Chain Branch Frequency in Polyethylenes," Chromatography of Polymers, ACS Symposium Series 521, edited by Theodore Provder, p. 254-269 (1993)
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	DA		M. Enders et al., "New Chromium (III) Complexes as Highly Active Catalysts for Olefin Polymerization," Organometallics, Vol. 20(24), p. 5005-5007 (2001) **XP-001112032**
	DB		S. Bradley et al., "Synthesis and Structure of Amino-Functionalized Cyclopentadienyl Vanadium Complexes and Evaluation of Their Butadiene Polymerization Behavior," Organometallics, Vol. 21(16), p. 3443-3453 (2002)
	DC		G. Kraus et al., "A Method for Characterization of Long-Chain Branched Polymers by GPC and Intrinsic Viscosity," J. Polymer Sci.: Symposium No. 43, p. 329-343 (1973)
	DD		M. Pollard et al., "Observation of Chain Branching in Polyethylene in the Solid State and Melt via ^{13}C NMR Spectroscopy and Melt NMR Relaxation Time Measurements," Macromolecules, Vol. 37(3), p. 813,825 (2004)
	DE		R. Koopmans, "Extrudate Swell of High Density Polyethylene. Part I: Aspects of Molecular Structure and Rheological Characterization Methods," Polymer Engineering and Science, Vol. 32(23), p. 1741-1749 (1992)
	DF		J. Vega et al., "Small-Amplitude Oscillatory Shear Flow Measurements as a Tool To Detect Very Low Amounts of Long Chain Branching in Polyethylenes," Macromolecules, Vol. 31(11), p. 3639-3647 (1998)
	DG		P. Wood-Adams et al., "Effect of Molecular Structure on the Linear Viscoelastic Behavior of Polyethylene," Macromolecules, Vol. 33(20), p. 7489-7499 (2000)
	DH		C. Piel et al., "Structure-Property Relationships of Linear and Long-Chain Branched Metallocene High-Density Polyethylenes Characterized by Shear Rheology and SEC-MALLS," Macromolecular Chemistry and Physics, Vol. 207, p. 26-38 (2006)
	DI		W. Kaminsky et al., "Polymerization of Ethene and Longer Chained Olefins by Metallocene Catalysis," Macromol. Symp., Vol. 226, p. 25-34 (2005)
	DJ		K. Klimke et al., "Optimisation and Application of Polyolefin Branch Quantification by Melt-State ^{13}C NMR Spectroscopy," Macromol. Chem. Phys., Vol. 207, p. 382-395 (2006)
	DK		S. Bin Wadud et al., "Shear and extensional rheology of sparsely branched metallocene-catalyzed polyethylenes," J. Rheol., Vol. 44(5), p. 1151-1167 (2000)
	DL		D. Yan et al., "Effect of long chain branching on rheological properties of metallocene polyethylene," Polymer, Vol. 40, p. 1737-1744 (1999)
	DM		F. Stadler et al., "Influence of type and content of very long comonomers on long-chain branching of ethene-/α-olefin copolymers," Macromolecules, Vol. 39(4), p. 1474-1500 (2006)
	DN		J. Janzen et al., "Diagnosing long-chain branching in polyethylenes," Journal of Molecular Structure, Vol. 485-486, p. 569-584 (1999)

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	EB		B. Zimm et al.,"The Dimension of Chain Molecules Containing Branches and Rings," The Journal of Chemical Physics, Vol. 17(12), p. 1301-1314 (1949)
	EC		H. Barth et al., Modern Methods of Polymer Characterization, Chemical Analysis, Vol. 113, New York: Wiley (1991); Table of Contents
	ED		Hadjichristidis et al., "Well-Defined, Model Long Chain Branched Polyethylene. 1. Synthesis and Characterization," Macromolecules, Vol. 33(7), p. 2424-2436 (2000)
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	EF		J. Stange et al., "Rheological behavior of blends from a linear and a long-chain branched polypropylene," J. Rheol., Vol. 49(5), p. 1059-1079 (2005)
	EG		H. Münstedt et al., "Rheological measuring techniques and their relevance for the molecular characterization of polymers," J. Non-Newtonian Fluid Mech., Vol. 128, p. 1-8 (2005)
	EH		T. McLeish et al., "Molecular constitutive equations for a class of branched polymer: The pom-pom polymer," J. Rheol., Vol. 42(1), p. 81-110 (1998)
	EI		I. Vittorias et al., "Detection and quantification of industrial polyethylene branching topologies via Fourier-transform rheology, NMR and simulation using the Pom-pom model," Rheol. Acta, Vol. 46, p. 321-340 (2007)
	EJ		E. van Ruymbeke et al., "A sensitive method to detect very low levels of long chain branching from the molar mass distribution and linear viscoelastic response," J. Rheol., Vol. 49(6), p. 1-18 (2005)
	EK		S. Trinkle et al., "Van Gurp-Palmen Plot II-classification of long chain branched polymers by their topology," Rheol Acta; Vol. 41, p. 103-113 (2002)
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	EN		B. Bersted et al., "Prediction of Rheological Behavior of Branched Polyethylene from Molecular Structure," Journal of Applied Polymer Science, Vol. 26, p. 1001-1014 (1981)
	EO		B. Bersted, "On the Effects of Very Low Levels of Long Chain Branching on Rheological Behavior in Polyethylene," J. of Applied Polymer Science, Vol. 30, p. 3751-3765 (1985)

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			OTHER (Including Author, Title, Date, Pertinent Pages, etc.)
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	FG		S. Wang et al., "Exploring molecular origins of sharkskin, partial slip, and slope change in flow curves of linear low density polyethylene," J. Rheol., Vol. 40(5), p. 875-898 (1996)
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	FI		Office Action from currently allowed Application Serial No. **10/539,342** with mail date 5/11/06
	FJ		Response and Amendment from currently allowed Application Serial No. **10/539,342** with mail date 11/2/06
	FK		Office Action from currently allowed Application Serial No. **10/539,342** with mail date 1/19/07
	FL		Response and Amendment from currently allowed Application Serial No. **10/539,342** with mail date 6/15/07
	FM		Notice of Allowability from currently allowed Application Serial No. **10/539,342** with mail date 7/2/07
	FN		Office Action from currently pending Application Serial No. **10/538,540** with mail date 4/6/06
	FO		Response and Amendment from currently pending Application Serial No. **10/538,540** with mail date 10/6/06
	FP		Office Action from currently pending Application Serial No. **10/538,540** with mail date 1/19/07

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	GA		Response and Amendment from currently pending Application Serial No. **10/538,540** with mail date 7/19/07
	GB		Office Action from currently pending Application Serial No. **10/538,540** with mail date 10/18/07

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